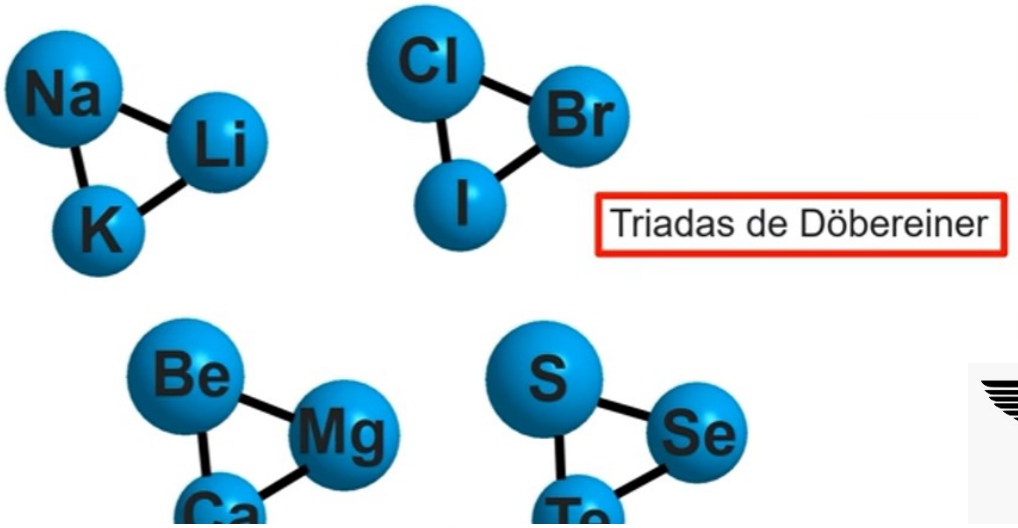
182

Primeras clasificaciones

1829

Johann Döbereiner



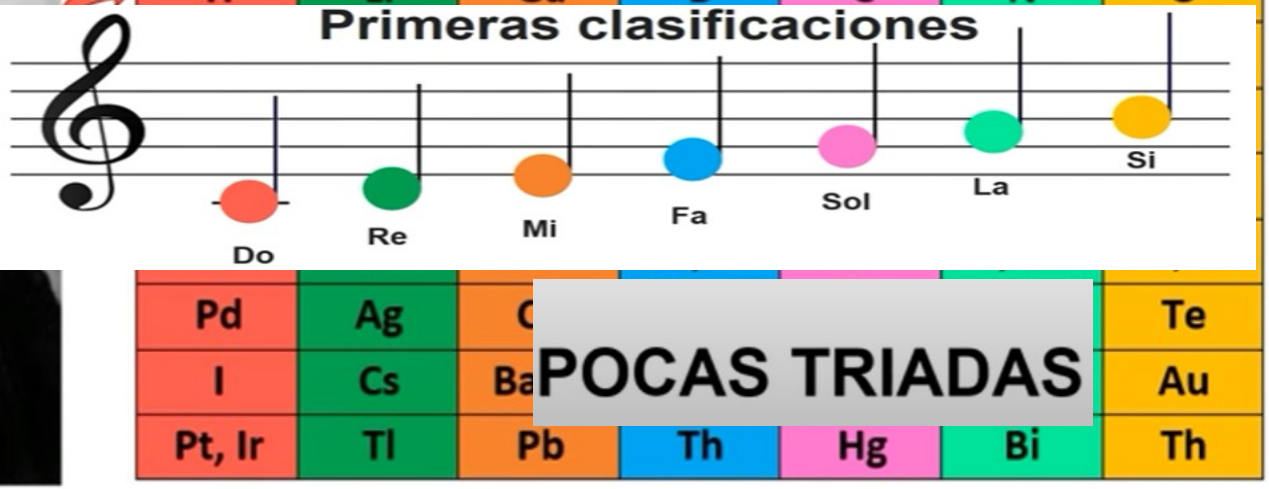
Triadas de Döbereiner

Primeras clasificaciones

John Newlands

56 elementos descubiertos

186



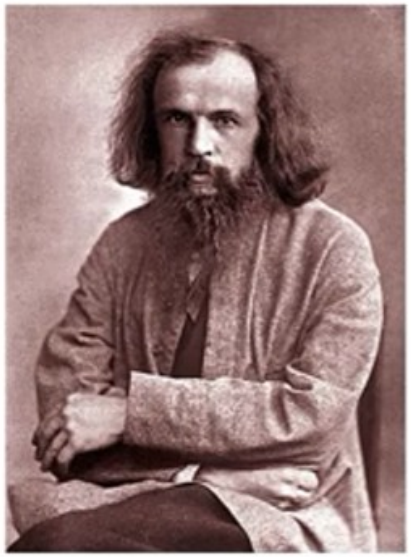
POCAS TRIADAS

$\frac{27}{} = 8$

United Kingdom

Octavas de Newlands

Dmitri Mendeléyev



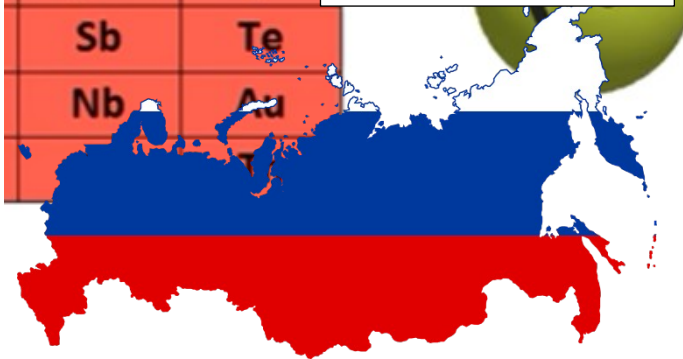
12 Periodos

8 Grupos

H							
Li	Be	B	C	N	O	F	
Na	Mg	Al	Si	P	S	Cl	
K	Ca		Ti	V	Cr	Mn	Fe Ni Co Cu
	Zn			As	Se	Br	
Rb	Sr	Yt	Zr	Nb	Mo		Ru Pd Rh Ag
	Cd	In	Sn	Sb	Te	I	
Cs	Ba	Di	Ce				
		Er	La	Ta	W		Os Ir Pt Au
	Hg	Tl	Pb	Bi			
			Th		U		

N	O
P	S
Mn	Fe
As	Se
Di, Mo	Ro, Ru
Sb	Te
Nb	Au

186



I	II	III	IV	V	VI	VII	VIII
H							
Li	Be	B	C	N	O	F	
Na	Mg	Al	Si	P	S	Cl	
K	Ca		Ti	V	Cr	Mn	Fe Ni Co Cu
	Zn			As	Se	Br	
Rb	Sr	Yt	Zr	Nb	Mo		Ru Pd Rh Ag

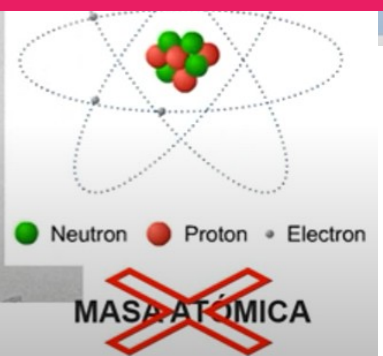
1913

Mg	Al	Si	
	Eka-boro	Ti	
		-silicio	
		Zr	

$$\rho_{Eka-boro} = \frac{\rho_{Ca} + \rho_{Ti}}{2}$$

VIII
Fe Ni Co Cu
Ru Pd Rh Ag

Henry Moseley



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LEY DE LA TABLA PERIÓDICA

Las propiedades físicas y químicas de los elementos son función de su número atómico